



I 021792

United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

Policy and Program
Development

Environmental and
Risk Analysis
Services, Unit 149
4700 River Road
Riverdale, MD
20737

ENQL 7-1 CY10
PERMANENT
Retire 04/15

April 22, 2010

Document Processing Desk [6(a)(2)]
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460-0001

ATTN: Norman Spurling (7502P)

SUBJECT: **FIFRA, Section 6(a)(2) report: aggregate adverse effect
incidents dated December 2009 and January and February 2010
for the reporting period ending April 30, 2010**

During this reporting period, the following APHIS-registered pesticide product was
involved in two adverse incidents:

EPA Reg. No. 56228-15	M-44 Cyanide Capsules
Active Ingredient:	CAS No. 143-33-9
Sodium Cyanide	

<u>Incident Category</u>	<u>No. of Incidents</u>
D-A	1
W-B	1

Details of these incidents can be found in enclosures 1 and 2.

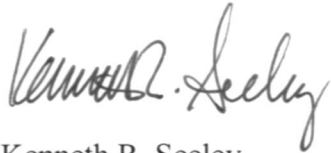
Out of an abundance of concern, we are also reporting two more incidents, both
involving the deliberate off-label misuse of pesticides. There is no evidence that an
APHIS-registered product was involved in either incident. The first incident, detailed
in enclosure 3, involved the poisoning of two dogs in Minnesota on December 18,
2009. The second incident, briefly detailed in enclosure 4, involved the poisoning of
a dog in the urban Spokane, Washington area on March 2, 2010. If any more
information becomes available to us about these incidents, we will forward it to you.



Safeguarding American Agriculture
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Please direct any questions pertaining to this adverse incident report to Ann Nasr at (301) 734-5170 or e-mail ann.m.nasr@aphis.usda.gov .

Sincerely,

A handwritten signature in cursive script, appearing to read "Kenneth R. Seeley". The signature is written in dark ink and is positioned above the printed name and title.

Kenneth R. Seeley
Chief, Environmental and Risk Analysis Services

Enclosures (4)

A handwritten checkmark or stylized "V" symbol, located in the bottom right corner of the page.

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
WILDLIFE SERVICES

-001

6(a)(2) ADVERSE EFFECTS INCIDENT INFORMATION REPORT

INCIDENT CODE D-A	INCIDENT STATUS		DATE WS BECAME AWARE OF THE INCIDENT 2/16/2010	ES USE ONLY REPORT NUMBER
	Date <input checked="" type="checkbox"/> New 2/16/2010	<input type="checkbox"/> Update		
EMPLOYEE NAME (To contact for additional information) Mike Sherman		TELEPHONE NUMBER 308-286-3320	CONTACT NAME (If Non-APHIS) TELEPHONE NUMBER	
DUTY STATION ADDRESS 508 PAXTON ST. P.O. BOX 254 HAYES CENTER, NE 69032			ADDRESS	
INCIDENT LOCATION CITY: WARREN STATE: NE COUNTY: CHASE			SOURCE OF INFORMATION <input checked="" type="checkbox"/> Self <input type="checkbox"/> Telephone Call <input type="checkbox"/> Letter <input type="checkbox"/> Media <input type="checkbox"/> Oral Report <input type="checkbox"/> Other	

EXPOSURE TYPE (Examples include spill, splash, drift, runoff or other.)

M-44 discharge

INCIDENT SITE [examples include commercial or residential sites, forest/woods, agricultural (specify crop), rangeland/pasture, noncrop area, fallow field, public lands (specify), recreational area (specify), right-of-way (rail, utility, highway)]

Range/Pasture

SITUATION RELATING TO PRODUCT ADVERSE INCIDENT: [examples include application, mixing/loading, reentry, during transport, repair/maintenance of application equipment, during manufacturing/formulation]

M-44s maintained on Property.

EPA REGISTRATION NUMBER 56228-15	PRODUCT NAME M-44 Cyanide Capsule	ACTIVE INGREDIENT Sodium Cyanide	
WAS THE PRODUCT <input checked="" type="checkbox"/> Concentrated <input type="checkbox"/> Diluted	WHAT WAS THE DILUTION RATIO (If applicable) N/A	WERE THE LABEL DIRECTIONS FOLLOWED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WAS THE APPLICATOR CERTIFIED (If applicable) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

IS THERE EVIDENCE OF INTENTIONAL MISUSE (If "Yes", explain)

☐ Yes ☒ No

SUMMARY OF THE INCIDENT (Attach supplemental form if needed)

M-44s were set on the property to protect cattle (calves) from coyote depredation. The landowner's dog was running loose and pulled an M-44 and was killed. The equipment was set one and a half miles from the landowner's house. Mike informed the landowner and the landowner's wife was very upset. Despite the wife's reaction, the landowner said the dog should not have been there and informed Mike to continue his work. There is not expected to be problems with this incident.

NAME OF PREPARER Chad Richardson	SIGNATURE <i>Chad Richardson</i>	TELEPHONE NUMBER 402-434-2344	DATE 3/18/10
NAME OF SUPERVISOR Timothy Veerendyke	SIGNATURE <i>Timothy Veerendyke</i>	TELEPHONE NUMBER 402 434 2342	DATE 3/18/10

3

Enclosure 1 (cont'd)

DOMESTIC ANIMAL, FAUNA, OR FLORA INCIDENT - SUPPLEMENTAL REPORT FORM

ES USE ONLY

REPORT NUMBER

"X" ONE

☐ Amphibian ☐ Fish ☐ Bird ☒ Mammal ☐ Invertebrate ☐ Reptile ☐ Plant

"X" ONE

☒ Domestic ☐ Wild

NUMBER OR ACRES AFFECTED

0

SPECIES (COMMON NAME)

BREED (If known)

DESCRIBE SIGNS, SYMPTOMS, ADVERSE EFFECTS

The dog died

IF LABORATORY TESTS WERE PERFORMED, LIST NAME OF TEST(S) AND RESULTS (if available, attach copies):

No laboratory tests were performed.

MAGNITUDE OF THE EFFECT (e.g., miles of streams, square area of terrestrial habitat)

M-44s are designed for one target animal.

PESTICIDE APPLICATION RATE AND METHOD OF APPLICATION (Include brief description of baiting if applicable)

Approximately 1 gram at 91.06%

WAS PREBAITING USED ON THE SITE (Describe)

☐ Yes ☒ No

DESCRIPTION OF THE HABITAT AND CIRCUMSTANCES UNDER WHICH THE INCIDENT OCCURRED

Rangeland / Pasture

ADDITIONAL FACTORS

Applicator followed the 26 M-44 use restrictions.

NAME OF PREPARER

SIGNATURE

DATE

Chad Richardson OS supervisor

[Signature]

3/18/10

NAME OF SUPERVISOR

SIGNATURE

DATE

Timothy Veenendaal

[Signature]

3/18/10

Enclosure 2

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
WILDLIFE SERVICES

-002

6(a)(2) ADVERSE EFFECTS INCIDENT INFORMATION REPORT

INCIDENT CODE W-B	INCIDENT STATUS		DATE WS BECAME AWARE OF THE INCIDENT 2/4/10	ES USE ONLY REPORT NUMBER
	<input checked="" type="checkbox"/> New Date 2/4/10	<input type="checkbox"/> Update Date of last submission		
EMPLOYEE NAME (To contact for additional information) GREG JONES		TELEPHONE NUMBER 541-372-3012	CONTACT NAME (If Non-APHIS)	TELEPHONE NUMBER
DUTY STATION ADDRESS 950 Over Street, MISSA, OR 97113			ADDRESS	
INCIDENT LOCATION			SOURCE OF INFORMATION	
CITY	STATE OR	COUNTY MALHEUR	<input type="checkbox"/> Self <input checked="" type="checkbox"/> Telephone Call <input type="checkbox"/> Letter <input type="checkbox"/> Media <input type="checkbox"/> Oral Report <input checked="" type="checkbox"/> Other	

EXPOSURE TYPE (Examples include spill, splash, drift, runoff or other.)

INGESTION

INCIDENT SITE [examples include commercial or residential sites, forest/woods, agricultural (specify crop), rangeland/pasture, noncrop area, fallow field, public lands (specify), recreational area (specify), right-of-way (rail, utility, highway)]

PRIVATE Property, ranch with cattle & calves suffering damage from coyote predation

SITUATION RELATING TO PRODUCT ADVERSE INCIDENT: [examples include application, mixing/loading, reentry, during transport, repair/maintenance of application equipment, during manufacturing/formulation]

new-target bird pulled device and ingested dose

EPA REGISTRATION NUMBER 56228-15	PRODUCT NAME M-44 CYANIDE CAPSULES	ACTIVE INGREDIENT SODIUM CYANIDE	
WAS THE PRODUCT <input checked="" type="checkbox"/> Concentrated <input type="checkbox"/> Diluted	WHAT WAS THE DILUTION RATIO (If applicable) NA	WERE THE LABEL DIRECTIONS FOLLOWED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WAS THE APPLICATOR CERTIFIED (If applicable) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

IS THERE EVIDENCE OF INTENTIONAL MISUSE (If "Yes", explain)

☐ Yes ☒ No

SUMMARY OF THE INCIDENT (Attach supplemental form if needed)

M-44 was set in standard/normal fashion like others in the area. A rock was used as a baitstop. NO canine mark observed on the M-44 device head, capsule was fired and found Raven adjacent to device with powder markings on beak.

NAME OF PREPARER Kenn Christensen	SIGNATURE <i>Kenn Christensen</i>	TELEPHONE NUMBER 503-326-2346	DATE 4/12/10
NAME OF SUPERVISOR David E Williams	SIGNATURE <i>David E Williams</i>	TELEPHONE NUMBER 503 326-2346	DATE 4/13/10

WS FORM 160-R (June 99)

(Local Reproduction Authorized)

5

Enclosure 3:

WS' NWRC received information from the Minnesota Department of Agriculture (MN DA) about an incident involving Compound 1080 and the death of two dogs. On Dec. 18, 2009, two dogs died. A veterinarian determined that it was a poisoning incident. Upon investigation, it was learned that a Lake City, MN landowner (who has been very cooperative with MN DA regarding this incident) near where the dogs lived had applied Compound 1080 to strips of deer meat and tossed them into a ravine to kill coyotes. He did this in an effort to protect deer on his property to improve hunting opportunities. He admitted to doing this. He also admitted to obtaining the Compound 1080 from a friend in Texas. During the investigation, samples of the laced meat were collected and sent to the state laboratory for chemical residue analysis. It is not know how soon after the landowner placed the bait that the samples were collected, but upon analysis, residues of Compound 1080 were not detected in the sample. However, strychnine residues were detected. No residue analysis was conducted on the dogs. MN DA was not willing to release any further information concerning the incident until their investigation is completed.

Enclosure 4

Stephanie H
Stephens/MD/APHIS/USDA
03/08/2010 11:04 AM

To John D Eisemann/CO/APHIS/USDA@USDA, Jeffery W
Jones/MD/APHIS/USDA@USDA, Jeanette R
O'Hare/CO/APHIS/USDA@USDA, Kathleen A

cc

bcc

Subject Fw: PRO/AH/EDR> Strychnine poisoning, canine - USA:
(WA)

FYI

----- Forwarded by Stephanie H Stephens/MD/APHIS/USDA on 03/08/2010 09:03 AM -----

Date: 4 Mar 2010

Source: Seattle Times [edited]

<

http://seattletimes.nwsources.com/html/localnews/2011254392_apwapoisonedmeatballs.html>

Poison suspected in another Spokane dog death

A dog died mysteriously in the South Hill neighborhood of Spokane, Washington, after eating something in its back yard.

KREM reports Spokane Animal Control is waiting for test results from Washington State University to determine if the death Tuesday [2 Mar 2010] was the latest in a string of dogs killed by someone putting out poisoned meatballs.

At least 3 dogs were killed last month [February 2010], and meatballs were found that contained strychnine.

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<promed@promedmail.org>

[The previous posting, while undiagnosed at the time of posting, was suggestive of strychnine, which it was. So apparently the perpetrator of this crime against animals and humans remains at large. - Mod.TG]

[see also:

Undiagnosed poisoning, canine - USA: (WA) 20100226.0635]

.....sb/tg/ejp/mpp

Enclosure 4

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Originally published Thursday, March 4, 2010 at 7:58 AM

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Poison suspected in another Spokane dog death

A dog died mysteriously in the South Hill neighborhood of Spokane after eating something in its back yard.

The Associated Press

SPOKANE, Wash. —

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Information from: KREM-TV, <http://www.krem.com/>

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